LISTING OF THE CLAIMS:

There are no amendments made to the claims. The claims in their original form are listed below.

1. (Original) An image processing apparatus, comprising:

a recorder for recording into a recording medium an image file in which image data is stored;

a transferor for transferring at least said image data from said recording medium to an internal memory; and

a reproducer for reproducing said image data transferred to said internal memory by said transferor, wherein

each address forming said internal memory has a capacity of an L byte (L : integer of two or more), said recording medium is divided into a plurality of unit areas each of which has a capacity of an M byte (M : integral multiple of the L), and said recorder stores said image data into said image file in such a manner that said image data transferred to said internal memory by said transferor is started from a head byte of an address.

2. (Original) An image processing apparatus according to claim 1, further comprising a creator for creating specific size data having a size of an integral multiple of said L byte, wherein said recorder stores into said image file said specific size data and said image data from a file head in this order, and said transferor transfers to said internal memory said specific size data and said image data.

3. (Original) An image processing apparatus according to claim 1, further comprising a creator for creating specific size data having a size of an integral multiple of said M byte, wherein said recorder stores into said image file said specific size data and said image data from a file head in this order, and said transferor transfers to said internal memory only said image data, out of said specific size data and said image data.

4. (Original) An image processing apparatus according to claim 1, wherein said reproducer processes said image data by said L byte unit.

5. (Original) An image processing apparatus according to claim 1, wherein each of said plurality of unit areas is an area that allows to be accessed only from a head.

6. (Original) An image processing apparatus according to claim 1, wherein said image file has a size of an N byte (N > M).

7. (Original) An image processing apparatus that reproduces via an internal memory image data included in an image file recorded in a recording medium, comprising:

a detector for detecting a size of specific data existing between a head location of said image file and a head location of said image data; and

a first transferor for transferring to said internal memory said specific data and said image data in this order when the size of said specific data satisfies a first condition, wherein each address forming said internal memory has a capacity of an L byte (L: integer of two or more), said recording medium is divided into a plurality of unit areas each of which has a capacity an M byte (M: integral multiple of the L), and said first condition is a condition that the size of said specific data is an integral multiple of said L byte.

8. (Original) An image processing apparatus according to claim 7, further comprising a second transferor for transferring to said internal memory only said image data, out of said specific data and said image data, when a size of said specific data satisfies a second condition, wherein said second condition is a condition that that size of said specific data is an integral multiple of said M byte.

9. (Original) An image processing apparatus according to claim 7, further comprising an accessor for accessing an address on said internal memory in which a head portion of said image data is stored based on a detecting result of said detector.

10. (Original) An image processing apparatus according to claim 7, further comprising a recorder for recording into said recording medium an image file in which the specific data that satisfies one of said first condition and said second condition and the image data are stored.

11. (Original) An image processing apparatus that reproduces via an internal memory image data included in an image file recorded in a recording medium, comprising:

a detector for detecting a size of specific data existing between a head position of said image file and a head position of said image data, and

a transferor for transferring to said internal memory only said image data, out of said specific data and said image data, when the size of said specific data satisfies a predetermined condition, wherein each address forming said internal memory has a capacity of an L byte (L: integer of two or more), said recording medium is divided into a plurality of unit areas each of which has a capacity of an M byte (M: integral multiple of the L), and said predetermined condition is a condition that the size of said specific data is an integral multiple of said M byte.

12. (Original) An image processing method, comprising the steps of:

(a) recording into a recording medium an image file in which image data is stored;

(b) transferring at least said image data from said recording medium to an internal memory; and

(c) reproducing said image data transferred to said internal memory by said step (b), wherein

each address forming said internal memory has a capacity of an L byte (L : integer of two or more), said recording medium is divided into a plurality of unit areas each of which has a capacity of an M byte (M : integral multiple of the L), and said step (a) is a step for storing said image data into said image file in such a manner that said image data transferred to said internal memory by said step (b) is started from a head byte of said address.

13. (Original) An image processing method for reproducing via an internal memory image data included in an image file recorded in a recording medium, comprising the steps of:

(a) detecting a size of specific data existing between a head location of said image file and a head location of said image data; and

(b) transferring to said internal memory said specific data and said image data in this order when the size of said specific data satisfies a first condition, wherein each address forming said internal memory has a capacity of an L byte (L: integer of two or more), said recording medium is divided into a plurality of unit areas each of which has a capacity of an M byte (M: integral multiple of the L), and said first condition is a condition that the size of said specific data is an integral multiple of said L byte.

14. (Original) An image processing method for reproducing image data included in an image file recorded in a recording medium via an internal memory, comprising the steps of:

(a) detecting a size of specific data existing between a head location of said image file and a head location of said image data; and

(b) transferring to said internal memory only said image data, out of said specific data and said image data, when the size of said specific data satisfies a predetermined condition, wherein each address forming said internal memory has a capacity of an L byte (L: integer of two or more), said recording medium is divided into a plurality of unit areas each of which has a capacity an M byte (M: integral multiple of the L), and said predetermined condition is a condition that the size of said specific data is an integral multiple of said M byte.